

10/03/01
J1011 U.S. PTO

10-05-01

PATENT
USA.229

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J1011 U.S. PTO
10/03/01
J109/970956

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: David Montgomery Varnon et al.) Attorney Docket No.: USA.229

Title: QUANTIZED FEED SYSTEM FOR) Express Mail Label No.:
SOLID FREEFORM FABRICATION) EF106052065US

Date Filed: October 3, 2001) Customer No.: 022514

BOX PATENT APPLICATION

Assistant Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

UTILITY PATENT APPLICATION TRANSMITTAL

Certificate Under 37 CFR §1.10

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Washington D.C. 20231, on

October 3, 2001

Date of Deposit

Carolyn Moore

Name

Carolyn Moore

Signature

Transmitted herewith for filing is the patent application of Inventors: David Montgomery Varnon, Jon Jody Fong and Raymond J. Bishop.

APPLICATION ELEMENTS

1. Fee Transmittal Form.
2. Type of Application.

This new application is for a(n) (*check one applicable item below*):

Original

Divisional

Continuation

Continuation-in-part (CIP) of Prior Application No.:
Examiner: Group Art Unit:

3. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b).

<input checked="" type="checkbox"/> Pages of Specification	Total Pages:	<u>41</u>
<input checked="" type="checkbox"/> Drawings - Informal	Total Sheets:	<u>4</u>
<input checked="" type="checkbox"/> Oath or Declaration and Power of Attorney for Patent Application		
<input checked="" type="checkbox"/> Newly executed (original or copy)		
<input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))		

4. Additional Papers Enclosed.

- Assignment Papers (cover sheet & document(s))
- Information Disclosure Statement (IDS)/PTO-1449
 - Copies of IDS Citations
- Return Receipt Postcard (MPEP 503)

5. Inventorship.

The inventorship names and addresses for all the claims in this application are:

David Montgomery Varnon
29257 Abelia Road
Canyon Country, CA 91351

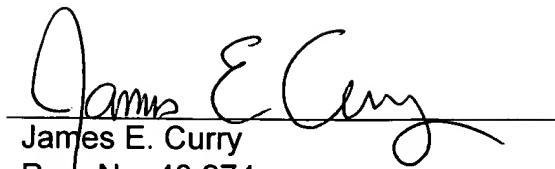
Jon Jody Fong
22452 Galilee Street
Calabasas, CA 91302

Raymond J. Bishop
P.O. Box 800401
Santa Clarita, CA 91380-0401

6. Language.

English

Dated: October 3, 2001



James E. Curry
Reg. No. 40,974
Attorney for Applicants

3D Systems, Inc.
26081 Avenue Hall
Valencia, CA 91355
(616) 295-5600, ext. 2470

Statement Where No Further Pages Added.
 This Transmittal Ends With This Page.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT \$2,028.00

Complete if Known

Application Number	
Filing Date	October 3, 2001
First Named Inventor	David Montgomery Varnon
Examiner Name	
Group Art Unit	
Attorney Docket No.	USA.229

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 20-0900

Deposit Account Name 3D Systems, Inc.

 Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 Applicant claims small entity status. See 37 CFR § 1.27

2. Payment Enclosed:

 Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Fee (\$)	Small Entity Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non - English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR § 1.17(q)	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims 66 -20** = 46	X 18.00 =	828.00
Independent Claims 8 - 3** = 5	X 84.00 =	420.00
Multiple Dependent	=	

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$1,248.00

*or number previously paid, if greater; For Reissues, see above

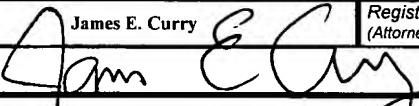
Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$40.00

SUBMITTED BY

Complete (if applicable)

Name	James E. Curry 	Registration No. (Attorney/Agent)	40,974	Telephone	661-295-5600 ext. 2470
Signature		Date	October 3, 2001		

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.